

ABSTRACT OF THE DISCLOSURE

A system and method for wireless communication among embedded devices using visual images. More specifically, a signal receiving device uses a visual recording device to locate the signal display screen of a signal transmitting device by employing an alternating image detection method. An image decoder embedded in the signal receiving device decodes the signal received by the visual recording device. In addition, a method is employed for automatically controlling the position and orientation of the signal display device and the visual recording device. Advantageously, communication among embedded devices can be effectuated without the emission of potentially harmful radiation.